

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An electronic apparatus comprising:

an interface section that communicates with a host device through ~~is connected to a~~ command/response line ~~for receiving a command from a host device and transmitting a response to the host device and a data line, wherein: for transmitting and receiving data according to the command as required after transmitting and receiving the command and the response to and from the host device via the command/response line, the data being transmitted or received while~~ a command and a response are transmitted through the command/response line, and data is transmitted through the data line;

the command, the response and the data are transmitted in this order between the electronic apparatus and the host device;

the transmitted data is divided into data blocks with a block size specified by the host device when ~~the data length~~ a length of the data is at least a predetermined length; and or more;

the interface section receives, via the command/response line, a block size setting command which informs the electronic apparatus of transmitting information about the specified block size, transmits a response corresponding to the block size setting command via the command/response line, and then receives the information about the specified block size via the data line;

a data buffer that stores the data; and

a storage section that stores the received information about the specified block size ~~when the interface section receives a command for specifying the block size of the data block from the host device; and~~

a data buffer that stores data, wherein

wherein when the interface section receives a command (hereinafter, "block size setting command") for transmitting data including information about the block size of the data block via the data line from the host device, and

when the specified block size is larger ~~larger~~ than a capacity of the data buffer, the interface section includes ~~transmits a response including error information about incapability an inability of accepting data blocks of the specified block size in a response corresponding to a command different from~~ at a time which has a predetermined relation to the block size setting command, and transmits the response including the error information to the host device.

2. (Currently Amended) The electronic apparatus according to claim 1, ~~wherein~~wherein:

~~the different command is a data block transmitting/receiving command which informs the electronic apparatus of the time which has a predetermined relation is the time when the electronic apparatus receives a command for actually transmitting or receiving the data blocks with of the specified block size created by dividing the data with the predetermined length or more from the host device, and; and~~

~~the electronic apparatus transmits~~includes the response to the command with the error information about the inability of accepting data blocks of the specified block size in a response corresponding to the data block transmitting/receiving command and transmits the response~~included in the response, and does not accept the data blocks when receiving the divided data blocks~~ are transmitted from the host device via the data line.

3. (Currently Amended) The electronic apparatus according to claim 1, ~~wherein~~wherein:

~~the different command is a next command which is transmitted from the host device immediately after time which has a predetermined relation is the time when the electronic apparatus receives a command next to the block size setting command transmitted from the host device; and~~

~~the electronic apparatus adds the response including the error information about the inability of accepting data blocks of the specified block size to a to the response corresponding to the next command, and then transmits the response.~~

4. (Currently Amended) The electronic apparatus according to claim 1, wherein in a case that the interface section receives a command including information about the specified block size of the data block from the host device via the command/response line and the specified block size included in the received command is larger than the capacity of the data buffer,

~~when the electronic apparatus receives a data block transmitting/receiving command which informs the electronic apparatus of command for actually transmitting or receiving the~~

~~data blocks with of the specified block size created by dividing the data with the predetermined length or more from the host device, the electronic apparatus transmits a response corresponding to the data block transmitting/receiving command and including includes error information about ineapability the inability of accepting data blocks of the specified block size, and when the divided-data blocks are transmitted from the host device, the electronic apparatus does not accept the data blocks, or~~

~~when the electronic apparatus receives a next command which is transmitted immediately after the command including information about the specified block size, the electronic apparatus adds information about the error information about the inability of accepting data blocks of the specified block size response corresponding to the command for specifying the block size to a response corresponding to thca next command-transmitted from the host device, and then transmits the response.~~

5. (Original) The electronic apparatus according to claim 1, which is an IC card.

6. (Currently Amended) A host device comprising:

an interface section that communicates with an electronic apparatus through is connected
~~to a command/response line, wherein: for transmitting a command to an electronic apparatus and receiving a response from the electronic apparatus, and a data line for transmitting and receiving data according to the command as required after transmitting and receiving the command and the response to and from the electronic apparatus via the command/response line,~~

a command and a response are transmitted through the command/response line,
and data is transmitted through the data line;

the command, the response and the data are transmitted in this order between the
electronic apparatus and the host device;

when the data is at least a predetermined length or more, the interface section
transmitting-transmits and or receiving-receives data blocks with a predetermined block size
created by dividing the data, data; and transmitting a command for specifying the block size to
the electronic apparatus;

~~wherein the interface section transmits, via the command/response line, a block size setting command for which informs the electronic apparatus of transmitting data including information about the block size of the data blocks via the data line to the electronic apparatus, receives a response corresponding to the block size setting command, and then transmits the information about the block size of the data block via the data line; and~~

~~when the interface section transmits a command different from the block size setting command and receives a response to the different command, and when the response includes after the data are transmitted, at the time which has a predetermined relation to the block size setting command, when receiving a response including error information about incapability-an inability of accepting a specified value of the block size of the data block from the electronic apparatus, the interface section transmits a command for inquiring an inquiry about a data capacity of a data buffer to the electronic apparatus through the command/response line, determines a new block size which is not more than the capacity of the data buffer in the electronic apparatus based on the response corresponding to the inquiry, and sets transmits a command for specifying the new block size to the electronic apparatus.~~

7. (Currently Amended) The host device according to claim 6, wherein the different command is a data block transmitting/receiving command which informs the electronic apparatus of time which has a predetermined relation is the time when the host device transmits a command for actually transmitting or receiving the data blocks with the specified block size created by dividing the data with the predetermined length or more according to the block size to the electronic apparatus.

8. (Currently Amended) The host device according to claim 6, wherein the different command is a next command which is transmitted immediately after time which has a predetermined relation is the time when the host device transmits a command next to the block size setting command to the electronic apparatus.

9. (Currently Amended) A control method of an electronic ~~apparatus, apparatus~~ comprising the steps of:

receiving a block size setting command transmitted from a host device via a command/response line, ~~wherein~~ the block size setting command informs the electronic apparatus of transmitting being a request for transmitting data including information about a block size of data blocks the data block via a data line when data with at least a predetermined length ~~or more are~~ divided into a plurality of data blocks; ~~and transmitted or received;~~ transmitting a response corresponding to the block size setting command via the command/response line to the host device, and, and receiving the data; receiving information about the block size;

determining whether the block size included in the received information is larger than a capacity of a built-in data buffer; and

~~including transmitting a response including error information about incapability an inability of accepting data blocks of the block size in a response corresponding to a different command from the block size setting command and at the time which has a predetermined relation to the block size setting command; transmitting the response including error information to the host device, when the block size included in the received information is larger than the capacity of the built-in data buffer.~~

10. (Currently Amended) The control method of the electronic apparatus according to claim 9, ~~wherein~~wherein:

the block size is a specified block size;

the different command is a data block transmitting/receiving command which informs the electronic apparatus of the time which has a predetermined relation is the time when the electronic apparatus receives a command for actually transmitting or receiving the data blocks with the specified block size created by dividing the data with the predetermined length or more from the host device, and; and

the electronic apparatus includes transmits the response to the command with the error information included in the response about the inability of accepting data blocks of the block size in a response corresponding to the data block transmitting/receiving command, and does not accept the data blocks when the host device transmits the data blocks, receiving the divided data blocks from the host device.

11. (Currently Amended) The control method of the electronic apparatus according to claim 9, ~~wherein~~wherein:

~~the different command is a next command which is transmitted immediately after the time which has the predetermined relation is the time when the electronic apparatus receives a command next to the block size setting command transmitted from the host device;~~the different command is a next command which is transmitted immediately after the time which has the predetermined relation is the time when the electronic apparatus receives a command next to the block size setting command transmitted from the host device; and

~~the electronic apparatus adds a response including the error information about the inability of accepting data blocks of the block size to a to the response corresponding to the next command, and then transmits the response.~~the electronic apparatus adds a response including the error information about the inability of accepting data blocks of the block size to a to the response corresponding to the next command, and then transmits the response.

12. (Currently Amended) The control method of the electronic apparatus according to claim 9, further comprising ~~a step of~~:

~~receiving a command including information about the block size of the data block from the host device via the command/response line;~~receiving a command including information about the block size of the data block from the host device via the command/response line; and

~~determining whether wherein in case that the determination is made that the block size included in the received command is larger than the capacity of the data buffer at the determining step,~~determining whether wherein in case that the determination is made that the block size included in the received command is larger than the capacity of the data buffer at the determining step,

~~wherein in a case where the block size is larger than the capacity of the data buffer,~~wherein in a case where the block size is larger than the capacity of the data buffer,

~~when the electronic apparatus receives a data block transmitting/receiving command which informs the electronic apparatus of command for actually transmitting or receiving the data blocks with the block size created by dividing the data with the predetermined length or more from the host device, the electronic apparatus transmits a response corresponding to the data block transmitting/receiving command and including includes error information about incapability the inability of accepting data blocks of the block size, and when the divided data blocks are transmitted from the host device, the electronic apparatus does not accept the data blocks, or~~when the electronic apparatus receives a data block transmitting/receiving command which informs the electronic apparatus of command for actually transmitting or receiving the data blocks with the block size created by dividing the data with the predetermined length or more from the host device, the electronic apparatus transmits a response corresponding to the data block transmitting/receiving command and including includes error information about incapability the inability of accepting data blocks of the block size, and when the divided data blocks are transmitted from the host device, the electronic apparatus does not accept the data blocks, or

~~when the electronic apparatus receives a next command which is transmitted immediately after the block size setting command, the electronic apparatus adds information about the error information about the inability of accepting data blocks of the block size to a response corresponding to the command for specifying the block size to the response corresponding to the next command transmitted from the host device, and then transmits the response.~~when the electronic apparatus receives a next command which is transmitted immediately after the block size setting command, the electronic apparatus adds information about the error information about the inability of accepting data blocks of the block size to a response corresponding to the command for specifying the block size to the response corresponding to the next command transmitted from the host device, and then transmits the response.

13. (Original) The control method of the electronic apparatus according to claim 9, wherein the electronic apparatus is an IC card.

14. (Currently Amended) A control method of a host ~~device, device~~ comprising the steps of:

transmitting a block size setting command via a command/response line to an electronic apparatus, ~~wherein the block size setting command informs the electronic apparatus of transmitting being a request for transmitting data including information about a block size of data blocks when the data block via a data line when the data with at least a predetermined length or more are~~ divided into a plurality of data blocks; ~~and transmitted or received;~~

_____ receiving a response corresponding to the block size setting command via the command/response line ~~from the electronic apparatus, and transmitting the information about a block size via the data line to the electronic apparatus, and transmitting the data;~~ wherein ~~when transmitting a command different from the block size setting command and receiving a response corresponding to the different command, and when the response corresponding to the different command from the block size setting command includes error information about an inability of accepting data blocks of the block size,~~

~~inquiring transmitting a command for inquiring about a data capacity of a data buffer to of the electronic apparatus when a response including error information about incapability of accepting the block size is received at the time which has a predetermined relation to the block size setting command; and;~~

determining a new block size which is not more than the capacity of the data buffer in the electronic apparatus based on a response corresponding to the inquiring operation; inquiring command and

_____ ~~setting the transmitting a command for specifying the new block size to the electronic apparatus.~~

15. (Currently Amended) The control method of the host device according to claim 14, wherein ~~the block size is a specified block size, and the different command is a data block transmitting/receiving command which informs the electronic apparatus of the time which has a predetermined relation is the time when the host device transmits a command for actually~~

transmitting or receiving the data ~~blocks with the specified~~ created by dividing the data with the predetermined length or more according to the block size to the electronic apparatus.

16. (Currently Amended) The control method of the host device according to claim 14, wherein the different command is a next command which is transmitted to the electronic apparatus immediately after the time which has the predetermined relation is the time when the host device transmits a command next to the block size setting command to the electronic apparatus.